Homework 2

1. Write a C program that performs the following arithmetic operations, and then outputs to the screen the final result. Be sure your results match the correct algebraic result:
   1. 7 + 3 \* 5 – 2
   2. 4 + 7 / 3
   3. 8 % 3 \* 6
   4. (7 + 3) \* 5 – 2
2. Write a program that could be used by a carpet layer to know how much carpet to buy for a room. The program should ask the user for two inputs (length and width in feet) and then print to screen the square footage (length X width) needed to carpet the room. Remember that all rooms are perfect numbers of feet (e.g. a room might be 12.5 ft wide)
3. Write a program that outputs your initials vertically using the letters from each initial. For example, if initials are JMP, the output should look like:

